

CYTOPLASMIC INHIBITION OF GENE EXPRESSION AND EXPRESSION OF
A FOREIGN PROTEIN IN A MONOCOT PLANT BY A PLANT VIRAL VECTOR

ABSTRACT

5 The present invention relates to recombinant viral vectors encoding a
transcriptional unit, that encodes a fusion protein, or a foreign protein or a gene of
interest to be silenced, which can be expressed in a host. The present invention also
relates to the use of these recombinant viral vectors to express a fusion protein, a
foreign protein, to silence a gene of interest in a host. The present invention also
10 relates to the use of these recombinant viral vectors to screen a cDNA or genomic
library in order to correlate a nucleotide sequence with a phenotypic or biochemical
change.